



Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **1** of **2****Complete if Known**

Application Number	09/759,106
Filing Date	January 11, 2001
First Named Inventor	Indermuhle, Pierre F.
Group Art Unit	1641
Examiner Name	Unassigned
Attorney Docket Number	020144-000710US

**RECEIVED**

AUG 15 2001

TECH CENTER 1600/2900

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
<i>[Signature]</i>	AA	4,894,146		Giddings	01-16-1990	
<i>[Signature]</i>	AB	5,304,487		Wilding et al.	04-19-1994	
<i>[Signature]</i>	AC	5,376,252		Ekström et al.	12-27-1994	
<i>[Signature]</i>	AD	5,635,358		Wilding et al.	06-03-1997	
<i>[Signature]</i>	AE	5,716,825		Hancock et al.	02-10-1998	
<i>[Signature]</i>	AF	5,849,208		Hayes et al.	12-15-1998	
<i>[Signature]</i>	AG	6,068,752		Dubrow et al.	05-30-2000	
<i>[Signature]</i>	AH	6,153,073		Dubrow et al.	11-28-2000	
<i>[Signature]</i>	AI	6,171,850	B1	Nagle et al.	01-09-2001	
<i>[Signature]</i>	AJ					
<i>[Signature]</i>	AK					
<i>[Signature]</i>	AL					
<i>[Signature]</i>	AM					
<i>[Signature]</i>	AN					
<i>[Signature]</i>	AO					
<i>[Signature]</i>	AP					
<i>[Signature]</i>	AQ					
<i>[Signature]</i>	AR					
<i>[Signature]</i>	AS					
<i>[Signature]</i>	AT					

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
<i>[Signature]</i>	B1	PCT	WO 96/04547		Lockheed Martin Energy Systems, Inc.	02-15-1996		
<i>[Signature]</i>	AV							
<i>[Signature]</i>	AW							
<i>[Signature]</i>	AX							
<i>[Signature]</i>	AY							
<i>[Signature]</i>	AZ							

Examiner  
SignatureDate  
Considered

4/26/2004

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1257221 v1



Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
		Application Number	09/759,106
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	January 11, 2001
		First Named Inventor	Indemuhle, Pierre F.
		Group Art Unit	1641
		Examiner Name	Unassigned
		Attorney Docket Number	020144-000710US
Sheet	2	of	2

RECEIVED  
AUG 15 2001  
TECH CENTER 1600/2900

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BC	C1	ANDREAS MANZ, et al., "Planar chips technology for miniaturization and integration of separation techniques into monitoring systems - Capillary electrophoresis on a chip", Journal of Chromatography, 1992, pp. 253-258, No. 593, Elsevier Science Publishers B.V., Amsterdam	
BD	C2	ADAM T. WOOLLEY, et al., "Ultra-high-speed DNA fragment separations using microfabricated capillary array electrophoresis chips", Proc. Natl. Acad. Sci. USA, November 1994, pp. 11348-11352, Vol. 91	
BE			
BF			
BG			
BH			
BI			
BJ			
BK			
BL			
BM			

Examiner Signature		Date Considered	4/26/2004
--------------------	--	-----------------	-----------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
SF 1257221 v1